WHAT IS CLAIMED IS:

1. A cleansing processing agent containing a polymer having acrylonitrile and at least one of styrene and conjugate diene as constituent unit and into which are introduced ionic groups.

2. The cleansing processing agent according to claim 1 wherein said ionic groups are at least one selected from the group consisting of sulfonic acid groups, carboxylic acid groups, hydroxy groups, – PO(OH)2 groups, –CH2PO(OH)3 groups, –NO2 groups or salts thereof.

3. The cleansing processing agent according to claim 1 wherein said polymer contains 5 to 80 mol% of acrylonitrile unit.

4. The cleansing processing agent according to claim 1 wherein said polymer contains 20 to 95 mol% of at least one of a styrene unit or a conjugate diene unit.

5. The cleansing processing agent according to claim 1 wherein said polymer is at least one selected from the group consisting of an acrylonitrile-butadiene-styrene resin, a styrene- acrylonitrile resin and an acrylonitrile-butadiene rubber.

6. The cleansing processing agent according to claim 1 wherein said polymer contains a pigment.

7. The cleansing processing agent according to claim 1 wherein said polymer is obtained on processing used resin with an acid and/or an alkali.

8. The cleansing processing agent according to claim 1, obtained on mixing the polymer into a starting material composed at least of wood, plastics, paper, glass and

metal and molding the resulting mixture.

9. The cleansing processing agent according to claim 1, used as a processing agent for waste materials, an effluent water processing agent, an exhaust gas processing agent or as a soil improvement agent.

10. A cleansing method comprising:

bringing a cleansing processing agent containing a polymer having acrylonitrile and at least one of styrene and conjugate diene as constituent unit and into which are introduced ionic groups into contact with a material to be processed and adsorbing substances contained in said material.

11. The cleansing method according to claim 10 wherein said substances are at least one of metal, ammonia or amine compounds.

12. The cleansing method according to claim 10 wherein said material to be processed is the effluent water or an exhaust gas which are passed through a column charged with the cleansing processing agent.

13. The cleansing method according to claim 10 wherein the processing agent is added to and dispersed in the effluent water.

14. The cleansing method according to claim 10 wherein the effluent water is filtered by a filtering material containing said cleansing processing agent.

15. The cleansing method according to claim 10 wherein said material to be processed is a solid waste material and wherein said cleansing processing agent is added at the time of disposal of the solid waste material.

16. The cleansing method according to claim 10 wherein said cleansing processing agent is sprayed ~~on the~~ waste material.

17. ~~The cleansing method according to claim 10 wherein said material to be processed~~ is the soil into which the cleansing processing agent is mixed.

18. The ~~cleansing~~ method according to claim 10 wherein said material to be processed is the odor-emitting gas and wherein the odorous components are adsorbed by the cleansing processing agent for removal.

19. A structured molded article produced by mixing a polymer having acrylonitrile and at least one of styrene and conjugate diene as constituent unit and into which are introduced ionic groups into a starting material composed of at least wood, plastics, paper, glass and metal and molding the resulting mixture to a pre-set shape.